

Cigarette Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
312221, Cigarette manufacturing 2002..	13	15	15 190	1 029 038	9 906	20 399	621 084	30 444 591	4 113 123	34 562 900	'209 760
2001..	N	N	15 218	1 017 948	10 908	21 395	654 995	43 044 306	4 139 006	47 190 379	155 876
2000..	N	N	17 659	1 185 892	11 813	22 059	709 875	38 704 904	4 163 401	42 875 150	136 419
1999..	N	N	18 157	1 131 992	12 811	22 237	706 907	35 332 564	4 351 428	39 686 690	221 798
1998..	N	N	20 541	1 158 539	14 212	25 003	732 593	27 977 063	4 804 349	32 799 729	276 184
1997..	9	13	21 302	1 246 557	15 096	28 887	816 131	23 338 692	5 901 854	29 252 787	622 688

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
312221, Cigarette manufacturing												
United States.....	—	15	12	15 190	1 029 038	9 906	20 399	621 084	30 444 591	4 113 123	34 562 900	'209 760

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
312221, Cigarette manufacturing	
Companies ¹	number.. 13
All establishments ²	number.. 15
Establishments with 1 to 19 employees	number.. 3
Establishments with 20 to 99 employees	number.. 3
Establishments with 100 employees or more	number.. 9
All employees ³	number.. 15 190
Total compensation	\$1,000.. 1 456 824
Annual payroll	\$1,000.. 1 029 038
Total fringe benefits	\$1,000.. 427 786
Production workers, average for year	number.. 9 906
Production workers on March 12	number.. 7 963
Production workers on May 12	number.. 11 053
Production workers on August 12	number.. 9 732
Production workers on November 12	number.. 10 874
Production worker hours	1,000.. 20 399
Production worker wages	\$1,000.. 621 084
Total cost of materials	\$1,000.. 4 113 123
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 584 397
Resales	\$1,000.. 454 422
Purchased fuels	\$1,000.. 28 663
Purchased electricity	\$1,000.. 45 518
Contract work	\$1,000.. 123
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 036 992
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 141 600
Total value of shipments	\$1,000.. 34 562 900
Primary products value of shipments	\$1,000.. 33 532 354
Secondary products value of shipments	\$1,000.. D
Total miscellaneous receipts	\$1,000.. D
Value of resales	\$1,000.. 429 852
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. D
Value of primary products shipments made in all industries	\$1,000.. 33 532 784
Value of primary products shipments made in this industry	\$1,000.. 33 532 354
Value of primary products shipments made in other industries	\$1,000.. 430
Coverage ratio	percent.. 100
Value added	\$1,000.. 30 444 591
Total inventories, beginning of year	\$1,000.. 4 449 602
Finished goods inventories	\$1,000.. 430 603
Work-in-process inventories	\$1,000.. 62 626
Materials and supplies inventories	\$1,000.. 3 956 373
Total inventories, end of year	\$1,000.. 4 323 166
Finished goods inventories	\$1,000.. 450 730
Work-in-process inventories	\$1,000.. 57 440
Materials and supplies inventories	\$1,000.. 3 814 996
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '5 829 308
Total capital expenditures (new and used)	\$1,000.. '209 760
Buildings and other structures (new and used)	\$1,000.. '22 235
Machinery and equipment (new and used)	\$1,000.. '187 525
Automobiles, trucks, etc., for highway use	\$1,000.. '460
Computers and peripheral data processing equipment	\$1,000.. '8 447
All other expenditures for machinery and equipment	\$1,000.. '178 618
Total retirements	\$1,000.. '90 962
Gross value of depreciable assets at end of year	\$1,000.. '5 948 106
Depreciation charges during year	\$1,000.. '271 982
Total rental payments	\$1,000.. 22 372
Buildings and other structures	\$1,000.. 9 403
Machinery and equipment	\$1,000.. 12 969
Total other expenses ⁴	\$1,000.. 241 850
Response coverage ratio ⁵	percent.. 100
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. D
Communications services ⁴	\$1,000.. 1 804
Legal services ⁴	\$1,000.. D
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. D
Advertising and promotional services ⁴	\$1,000.. D
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. D
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 3 308
Management consulting and administrative services ⁴	\$1,000.. D
Taxes and license fees ⁴	\$1,000.. D
All other expenses ⁴	\$1,000.. D

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
312221, Cigarette manufacturing											
All establishments	—	15	15 190	1 029 038	9 906	20 399	621 084	30 444 591	4 113 123	34 562 900	209 760
Establishments with—											
1 to 4 employees	9	2	a	D	D	D	D	D	D	D	D
5 to 9 employees	—	—	—	—	—	—	—	—	—	—	—
10 to 19 employees	—	1	a	D	D	D	D	D	D	D	D
20 to 49 employees	—	1	b	D	D	D	D	D	D	D	D
50 to 99 employees	—	2	c	D	D	D	D	D	D	D	D
100 to 249 employees	—	2	e	D	D	D	D	D	D	D	D
250 to 499 employees	—	1	e	D	D	D	D	D	D	D	D
500 to 999 employees	—	1	f	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	3	i	D	D	D	D	D	D	D	65 935
2,500 employees or more	—	2	i	D	D	D	D	D	D	D	D
Administrative records ⁴	—	—	—	—	—	—	—	—	—	—	—

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
312221	Cigarette manufacturing	15	15 190	1 029 038	9 906	20 399	621 084	30 444 591	4 113 123	34 562 900	'209 760
3122210	Cigarettes, including nontobacco cigarettes	15	15 190	1 029 038	9 906	20 399	621 084	30 444 591	4 113 123	34 562 900	'209 760

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
312221	Cigarette manufacturing	2002.. N 1997.. N	X X	X X	33 532 784 28 258 382
3122210	Cigarettes, including nontobacco cigarettes	2002.. N 1997.. N	X X	X X	33 532 784 28 258 382
31222101	Cigarettes, including nontobacco cigarettes	2002.. N 1997.. N	X X	X X	33 529 855 28 258 382
312221011	Filter tip cigarettes, including nontobacco cigarettes, 80 millimeters long or less	billions.. 2002.. 9 1997.. 3	X X	S D	3 709 880 D
3122210121	Filter tip cigarettes, including nontobacco cigarettes, 85 millimeters long	billions.. 2002.. 8 1997.. 8	X X	272.8 368.3	16 282 087 14 795 533
3122210131	Filter tip cigarettes, including nontobacco cigarettes, 100 millimeters or more long	billions.. 2002.. 6 1997.. 7	X X	198.2 D	13 273 878 D
3122210141	Nonfilter tip cigarettes, including nontobacco cigarettes	billions.. 2002.. 5 1997.. 6	X X	S 10.2	264 010 407 005
3122210Y	Cigarettes, including nontobacco cigarettes, nsk, total	2002.. N 1997.. N	X X	X X	2 929 —
3122210YWW	Cigarettes, including nontobacco cigarettes, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	2 929 —
3122210YWY	Cigarettes, including nontobacco cigarettes, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	N —

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
312221	Cigarette manufacturing		
00900001	Total materials .....2002..	X	3 584 397
	.....1997..	X	5 437 980
11191000	Leaf tobacco, unstemmed (including green tobacco not packed) mil lb..2002..	D	D
	.....1997..	D	D
31220000	Unstemmed leaf tobacco, redried and packed mil lb..2002..	D	D
	.....1997..	D	D
31221000	Stemmed leaf tobacco (excluding processed sheet and homogenized) mil lb..2002..	D	D
	.....1997..	833.0	2 127 113
31222903	Reconstituted tobacco, processed sheet and homogenized mil lb..2002..	42.1	73 374
	.....1997..	D	D
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	D
	.....1997..	X	D
32520003	Manmade fibers, staple, and tow .....2002..	X	276 642
	.....1997..	X	438 283
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	799 653
	.....1997..	X	1 171 641
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	34 318
	.....1997..	X	—

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.